

In The Claims:

1. (Previously presented) A catalyst converter comprising:
a tubular member having an inner wall;
a carrier contained in the tubular member, the carrier including a catalyst carrier sheet folded successively back into a series of sheets superposed with each other, respective one of the sheets extending transversely between a point and another point on the inner wall; and
an engaging plate extending across the respective one of the sheets, the engaging plate being engaged with the series of sheets.
2. (Original) A catalyst converter according to claim 1, wherein the sheets cross substantially orthogonally with the engaging plate.
3. (Original) A catalyst converter according to claim 1, wherein the engaging plate and the series of sheets are welded.
4. (Original) A catalyst converter according to claim 1, wherein the tubular member has an inlet and an outlet, a gas flows in from the inlet and then flows between the sheets and then flows out from the outlet, wherein the tubular member having two opposing slits at the inlet, and the engaging plate is put into the slits and then welded thereto.
5. (Previously presented) A catalyst converter according to claim 1, wherein the series of the sheets is shaped in S-shapes.

6. (Previously presented) A catalyst converter according to claim 1, wherein the respective sheet has a plurality of first convex portions and a plurality of second convex portions,

the first convex portions are bent to protrude to one side of the respective sheet and extend along a first direction,

the second convex portions are bent to protrude to the other side of the respective sheet and extend along the first direction,

the first convex portions and the second convex portions are arranged alternately along a second direction intersecting with the first direction to thus form a corrugated shape,

the first convex portions have third convex portions which are partitioned by two cuttings separated at a distance in the first direction and then bent to protrude partially to the other side of the respective sheet, and

the second convex portions have fourth convex portions which are partitioned by two cuttings separated at a distance in the first direction and then bent to protrude partially to the one side of the respective sheet.

7. (Original) A catalyst converter according to claim 6, wherein the first convex portions and the fourth convex portions are formed to have substantially same projection heights, and the second convex portions and the third convex portions are formed to have substantially same projection heights.

8. (Original) A catalyst converter according to claim 6, further comprising flat rack portions arranged between the first convex portions and the second convex portions and extend along the first direction to connect adjacent first and second convex portions.

9. (Original) A catalyst converter according to claim 8, wherein ends of the cuttings for partitioning the third convex portions are positioned on boundary between the first convex portions and the rack portions, and ends of the cuttings for partitioning the fourth convex portions are positioned on boundary between the second convex portions and the rack portions.
10. (Original) A catalyst converter according to claim 6, wherein the third convex portions and the fourth convex portions are provided in plural along the first direction respectively.
11. (Original) A catalyst converter according to claim 10, wherein a predetermined distance is provided between the ends of the cuttings for partitioning the third convex portions and the ends of the cuttings for partitioning the fourth convex portions along the first direction.
- 12 – 20. Canceled.
21. (Original) A catalyst converter according to claim 1, wherein the engaging plate is positioned at an inlet of the tubular member.
22. (Original) A catalyst converter according to claim 1, wherein the engaging plate is engaged with the respective sheet.
23. (Original) A catalyst converter according to claim 1, wherein the series of sheets has a series of centers defining a straight line, and the engaging plate crosses the respective sheet along

the straight line.

24. (Previously presented) A catalyst converter according to claim 1,
wherein the catalyst carrier sheet shaped in a wavy form having crests and troughs on the
inner wall,

wherein respective one of sheets extends between a neighboring crest and trough of the
wavy form.

25. (New) A catalyst converter comprising:
a tubular member having an inner wall;
a carrier contained in the tubular member, the carrier including a catalyst carrier sheet
folded successively back into a series of sheets superposed with each other, respective ones of the
sheets extending transversely between a point and another point on the inner wall;
an engaging plate extending across each of said sheets, the engaging plate being engaged
with each of said sheets so that each of said sheets is in contact with a respective recess in the
engaging plate.